

393913119424002 Local number 085 N21 E20 26CAA3 LYSIMETER 1 SHALLOW

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°39'12.6", long 119°42'40.3" referenced to North American Datum of 1983, in NW ¼ SE ¼ SW ¼ sec.26, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

WATER-QUALITY RECORDS

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 4 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct								
06...	1455	Interstitial water	--	--	.09	171	.014	185
Nov								
03...	1010	Interstitial water	--	--	.04	217	<.008	202
Mar								
02...	1254	Interstitial water	2,710	111	E.03	270	<.008	261
Apr								
06...	0945	Interstitial water	--	112	.07	252	E.005	283
May								
05...	1118	Interstitial water	--	104	.12	241	<.008	272
Jun								
02...	0945	Interstitial water	--	103	.10	240	<.008	232
Jul								
07...	0912	Interstitial water	--	97.1	<.04	244	<.008	278
Aug								
03...	0950	Interstitial water	--	89.3	.14	235	<.008	259
Sep								
08...	0924	Interstitial water	--	86.6	<.04	210	<.008	208

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006

Part 2 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
Oct							
05...	0941	Interstitial water	89.3	.07	212	<.008	227
Nov							
02...	0936	Interstitial water	87.4	.09	209	<.008	221
30...	0958	Interstitial water	86.5	<.04	226	<.008	210
Dec							
22...	0947	Interstitial water	--	<.04	234	<.008	234